			GAATTCCCCCAACAGAGCCAAGCTCCATCTAGTGGACAGGGAAGCTAGCAGCAAACC	TTCCCTTCACTACAAACTTCATTGCTTGGCCAAAAAGAGAGTTAATTCAATGTAGACAT	CTATGTAGGCAATTAAAAACCTATTGATGTATAAAACAGTTTGCATTCATGGAGGGCAAC	TAAATACATTCTAGGACTTTAAAAAGATCACTTTTTATTTA	ATGGATTATCAAGTCCAATCTATGACATCAATTATTATACATCGGAGCCCTGC M D Y Q V S S P I Y D I N Y Y T S E P C
FIG. 1A-1	FIG. 1A-2	FIG. 1A	GAATTCCC	TICCCTTCA	CTATGTAGG	TAAATACAI	ATGGATTA1 M D Y
				-	J		~

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179 59 239

299. 99

39 (UPPER: SEQ ID NO.: 1) 19 (LOWER: SEQ ID NO.: 4)

FIG. 1A-1

22	CTCCCAGGAATCATCTTTACCAGATCTCAAAAGAAGGTCTTCATTACACCTGCAGCTCT LPGINY CYCLORY SQKEGLHYTCSSS	TACACCI Y T	TTCA:	GGTC	AGAA	PAAA O K	S.	CAGA R	TTAC F I	ATCI I	CTCCCAGGAATCA' L P G I	ပ္ပ်ံ ပ	מים ו
L 14	ACGGICACCITIGGGGTGGTGACAGTGTGACTTGGGTGGTGGTGTTTTGCGTCT T V T F G V V T S V I T W V V A V F A S	secnerer A V	rggr(v v	1GGG. ₩	CACT	TGAT	AGTG	GACA	TGGT	9999 9		CTIT	TCACCTITY V T F
65	CTCCTGACAATCGATACCTGGCTGTCGTCCTGTGTTTTGCTTTAAAAGCCAGG	GCTTTAA A L	rgtti 1 F	GCTG	CCAT	TCGT	GCTG A	CCTG	GGTA R Y	GATA		AATC	TGACAATC L T I
59 19	TGTCAACTCTTGACAGGGCTCTTTTTTATAGGCTTCTTCTTCTTGAATCTTCTTCATCATC	ATCTTCT	TIGG.	TTCTC F	CTTC	TAGG I G	TTTA F	CIAI	GGCT	ACAG		CITG	AACTCTTG 2 L L
53	CTTACTGTCCCCTTCTGGGCTCACTATGCTGCCCCAGTGGGACTTTGGAAATACAATG L T V P F W A H Y A A A Q W D F G N T M	TTTGGAA F G	GGAC	CAGIC	CGCC	CTGC A A	TATG	TCAC	GGGC' W A	TTCT		. DO	crereceer r v Þ
47	CIGAAGAGCATGACTTCTACCTGCTCACCTGGCCATCTCTGACCTGTTTTTCCTT	GACCTGT D L	CTCT	SCCAT	SCTG(TCAA(CIGC	CTAC	ACAT(ACTG	-	CATG	AGAGCATG
सुर न	TTCATCTTTGGTTGTGGGCAACATGCTGGTCATCCTCATCCTGATAAACGGF	ATAAACTO I N .	CCTG	TCAT	IATCC	rggy L V	ATGC	CAAC	rggg(v· g	rtig F	<u>.</u>	ლენე	rcrrregr L F G
H	CAAAAAATCAATGTGAAGCAAATUGCAGCUCGCUTCUGCICUGCICUACIGGIG Q K I N V K Q I A A R L L P P L Y S L V	L Y :	٦ ٢	1. P	11.11	الم الم	25 € 25 €	AAIC I	S CA	STGAL V		AAT N	AATCAAT

FIG. 1A-2

CATTITCCATACA H F P Y

FIG. 1B

FIG. 1B-2

59 (UPPER: SEQ ID NO.: 2) 19 (LOWER: SEQ ID NO.: 5) 239 299 99 119 39 179 **S**9 GAATTCCCCCAACAGAGCCAAGCTCTCCATCTAGTGGACAGGGAAGCTAGCAGCAAACC CTATGTAGGCAATTAAAAACCTATTGATGTATAAAACAGTTTGCATTCATGGAGGGCAAC TAAATACATTCTAGGACTTTATAAAAGATCACTTTTTTATTTTATGCACAGGGTGGAACAAG ATGGATTATCAAGTGTCAAGTCCAATCTATGACATCAATTATTATACATCGGAGCCCTGC TICCCTICACTACAAAACTICATIGCTIGGCCAAAAAGAGAGITAATICAAIGTAGACAI M z Η Ω ഗ ഗ Σ

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FIG. 1B-1

359 119	419 139	479 159	539 179	599 199	659 219	719	779	839
CAAAAAATCAATGTGAAGCAAATCGCAGCCCGCCTCCTGCCTCCTCCTCACTGGTG 35	TTCATCTTTGGTTTTTGTGGGCAACATGCTGGTCATCCTGATAAACTGCAAAAGG 41 F I F G F V G N M L V I L I L I N C K R 13	CTGAAGAGCATGACTTACCTGCTCAACCTGGCCATCTCTGACCTGTTTTTCCTT 47	CTTACTGTCCCCTTCTGGGCTCACTGCCGCCCAGTGGGACTTTGGAAATACAATG 53	TGTCAACTCTTGACAGGGCTCTATTTATAGGCTTCTTCTGGAATCTTCTTCATCATC 59	CTCCTGACAATCGATAGGTACCTGGCTGTCCTGTGTTTGCTTTAAAAGCCAGG 65 L L T I D R Y L A V H A V F A L K A R 21		CTCCCAGGAATCATTTACCAGATCTCAAAAGAAGGTCTTCATTACACCTGCAGCTCT 77 L P G I I F T R S Q K E G L H Y T C S S 25	

•	び出版することが出ることを出してある。
143	TIGGNNGAGGICTITITIAAAAGGAAGTTACTGTTATAGAGGGTCTAAGATTCATCCATT
137	GACCCAGTCAGAGTTGTGCACATGGCTTAGTTTTCATACACAGCCTGGGGTTGGGTNGG
131.	CGATCCACTGGGGAGCAGGAATATCTGTGGGCTTGTGACACGGACTCAAGTGGGCTGGT R S T G E Q E I S V G L *
125	TGCAAATGCTGTTCTATTTTCCAGCAAGGCTCCCGAGCGAG
119	GGGGAGAAGTICAGAAACTACCTCTTGCTTCCAAAAGCACATTGCCAAACGCTTC G E K F R N Y L L V F F Q K H I A K R F
113	GIGACAGAGACTCTTGGGATGACGCACGATCATCTTTGTC V T E T L G M T H C C I N P I I Y A F V
107	CAGGAATTCTTTGGCCTGAATAATTGCAGTTGCACGATGGACCAAGCTATGCAG
101	ATGATTGTTTATTTTCTCTTCTGGGCTCCCTACAACATTGTCCTTCTCCTGAACACCTTC M I V Y F L F W A P Y N I V L L L N T F
315	CTGCTTCGGTGTCGAAATGAAGAAGAGCACAGGGCTGTGAGGCTTATCTTCACCATC
299	INGGGCIGGICCIGCTGCTTGTCATGGTCATCTGGTACTCGGGAATCCTAAAAACT

<u>.</u>).

239

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299 99

59 (UPPER: SEQ ID NO. 3) 19 (LOWER: SEQ ID NO. 6)

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)

359	419	479	539 179	599 199	659	719 239	779 259	839
CAAAAAATCAATGGAAATCGCAGCCCGCCTCCTGCCTCCGCTCTACTCACTGGTG 359	TTCATCTTTGGTTTTTGTGGCAACATGCTGGTCATCCTCATCTGATAAACTGCAAAAGG 419 FIFGFVGNMLVILLILINCKRR 139	CTGAAGAGCATGACTTACCTGCTCAACCTGGCCATCTCTGACCTGTTTTTCCTT 479 L K S M T D I Y L L N L A I S D L F F L 159	CTTACTGTCCCCTTCTGGGCTCACTATGCTGCCCCCAGTGGGACTTTGGAAATACAATG 539 L T V P F W A H Y A A A Q W D F G N T M 179	TGTCAACTCTTGACAGGGCTCTATTTTATAGGCTTCTTCTTCTGGAATCTTCATCATC C Q L L T G L Y F I G F F S G I F F I I 199	CTCCTGACAATCGATAGGTACCTGTCGTCTGTGTTTGCTTTAAAAGCCAGG 659 L L T I D R Y L A V H A V F A L K A R 219	ACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACTTGGGTGGTGGCTGTTTGCGTCT 719 T V T F G V V T S V I T W V V A V F A S 239	CTCCCAGGAATCATTACCAGATCTCAAAAAGAAGGTCTTCATTACACCTGCAGCTCT 779 L P G I I F T R S Q K E G L H Y T C S S 259	CATITICCATACATTAAAGATAGICATCTTGGGGCTGGTCCTGCCGCTGCTTGTCAIGGT 839 H F P Y I K D S H L G A G P A A A C H G 279
CAAAAA! Q K	TTCATC	CTGAAG!	CTIACTC L I	TGTCAA	CTCCTG1	ACGGTC	CTCCCAC	CATTTT(H F
						•		

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1439	GTTATAGAGGGTCTAAGATTCATCCATTTATTTGGCATCTGTTTAAAGTAGATTAGATCC
1379 459	TICATACACAGCCTGGGGGTNGGTTGGNNGAGGTCTTTTTAAAAGGAAGTTACT
1319	CTTGTGACACGGACTCAAGTGGGCTGGTGACCCAGTCAGAGTTGTGCACATGGCTTAGTT
1259	TCCCGAGCGAGCAAGCTCAGTTTACACCCGATCCACTGGGGAGCAGGAAATATCTGTGGG
1199	CTTCCAAAAGCACATTGCCAAACGCTTCTGCAAATGCTGTTCTATTTTCCAGCAAGGC
1139	CATCAACCCCATCATGCCTTTGTCGGGGAGAGTTCAGAAACTACCTCTTAGTCTT
1079	CTCTAACAGGTTGGACCAAGCTATGCAGGTGACAGAGACTCTTGGGATGACGCACTGCTG
101 <i>9</i> 339	CAACATTGTCCTTCTGAACACCTTCCAGGAATTCTTTGGCCTGAATAGTTGCAGTAG
959 319	CAGGGCTGTGAGGCTTATCTTCACCATCATGATTGTTTATTTTCTCTTCTGGGCTCCCTA
20 0 20 0 20 0 20 0	CAICIGCIACICGGGGAACICIGCIICGGIGICGAAAIGAGAAGAAGAGGCA H L L L G N P K N S A S V S K *

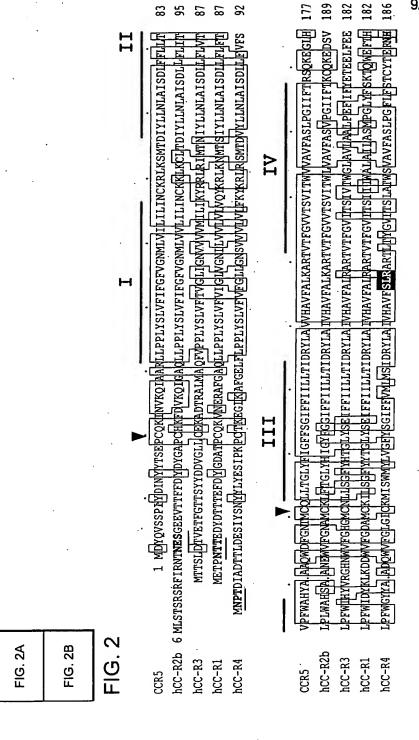
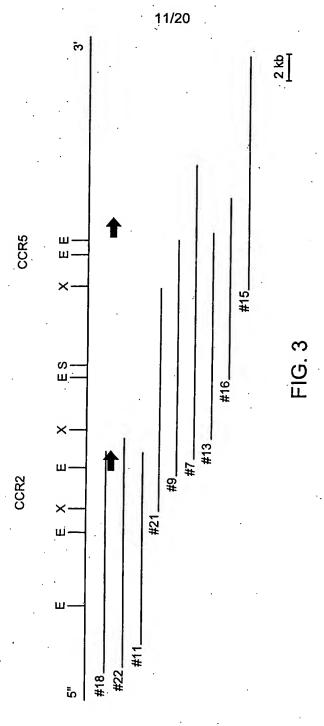
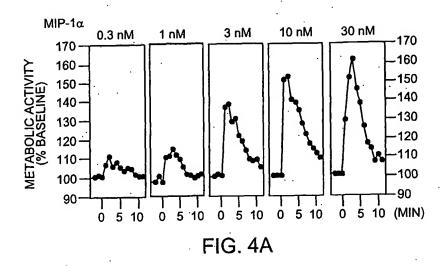


FIG. 2A

VI	YTCSSHERYSQYQFWKNFOTLKIJV ILGIVLPLLVMVICYSGILKTLIRCRNEKKRHRAVRLIFTIMIVYFLFWARYNIVLLINTFQEFFGLNNG 272 LVOGEPYFRGWNNFHTIMENTLGLVLPLLLMVICYSGILKTLIRCRNEKKRHRAVRVIFTIMIVYFLFWMPYNIVHLLINTFQEFFGLSNG 280 TLCSALYFEBTVYSWRHRHTRWTHFGLVLPLLVMAICYTGIHKTLLRGPSKKK, YKAHRLIFVHMAVFFIFWMPYNVAILLSSYGSILFGNTG 276 HTCSLHFFBESLREWKHFOALKLNLFGLVLPLLVMIICYTGIHKHLLRRFNEKK, SKAVRLIFVHMIIFFLFWTPYNLTHISSYFODFLFTHEG 276 TYCKTKYSI <u>NST</u> . TWKVLSSLIFINILGLVHPLGIMLFCVSMIHRTLQHGKNEKK, NKAVKMIEAVVVLFLGFWTPYNLTHISVFODFLFTHEG 279	VII SSINRLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLLIVFFDKHIAKR, FCKCCSIFQQBAPERASSVYTRSTGEQEISVGL 352 SSTSQLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLSVFFRKHIMKR, ECKOCPVFYRBTVDGVTSTNIJPSTGEQEVSAGLJ 360 SRSKHLDLWMJVTEVIAYSHCCMVPVIYAFVGERFRKKYLRHFFHRHLLMH. LGRYIPFLPSTATERTSSVJ. SPSTADEPELSIVF 355 EQSRHLDLAWQVTEVIAYITHCCWNPWIYAFVGERFRKKYLRQLFHRRVAVH. LVKWLPFLSVDRLERWSST. SPSTGEHBILSAGF 355 TFERYLDJVAJIQAJETIJAFVHCCUNPIIYAFFUGEKFRKKYLIRQLFHRRVANH. LVKWLPFLSVDRLERWSST. SPSTGEHBILSAGF 355 TFERYLDJVAJIQAJETIJAFVHCCUNPIIYJFEJGEKFRKKYLIRQLFFTGGLFVLGOYGGLLQIYSADTPSSSYTYQSTMDHDLHDALJ 360
>	YTCSSHFPYSQYQFWKNFQTLKIJVILGLVLPLLVMVICYS LYNGGPYFPRGWNNFHFTIMFNILGLVLPLLLHMVICYS TLCSALYFEDTVYSWRHFHFTLRMTHFGLVLPLLVMAICYF HTCSLHFPHESLREWKLFQALKLNIFGLVLPLLVMILCYF ZYCKTKYSLNST.TWKVLSSLBHNILGLVHFLSHMLFFCYS	VII SSSNRLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLI ESTSOLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLI ERSKHLDLVMLVYEVIAYSHCCMNPVIYAFVGERFRKYLI EQSRHLDLAVQVTEVIAYTHCCVNPVIYAFVGERFRKYLI TFERYLDVAJIQATETLAFVHCCVNPVIIYFEJGEKFRKYLI
	CCR5 hCC-R2b hCC-R3 hCC-R1	CCR5 hCC-R2b hCC-R3 hCC-R1





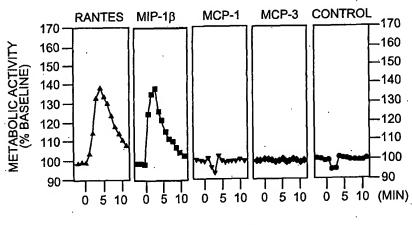


FIG. 4B

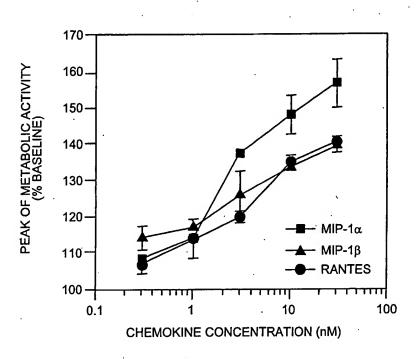


FIG. 4C

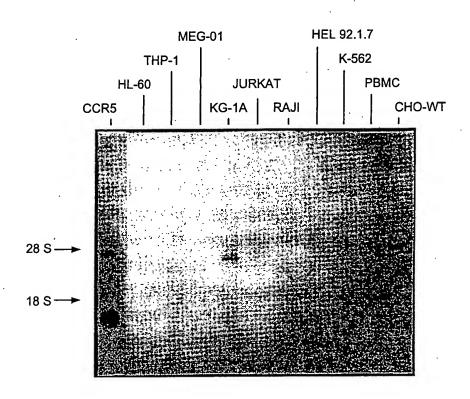
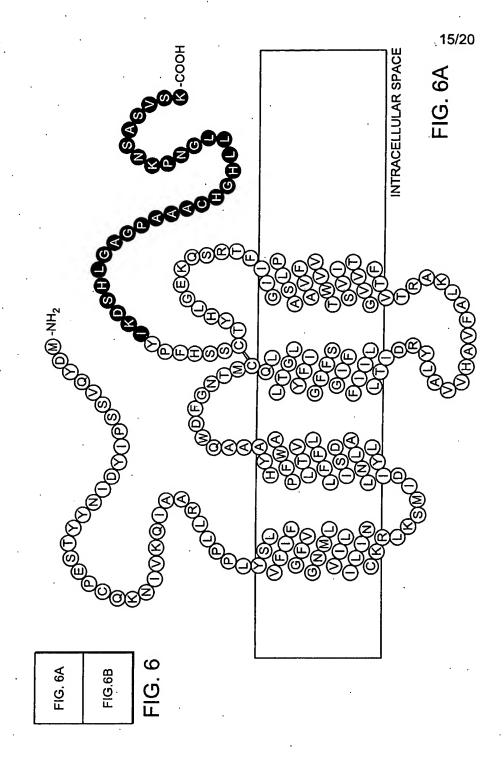
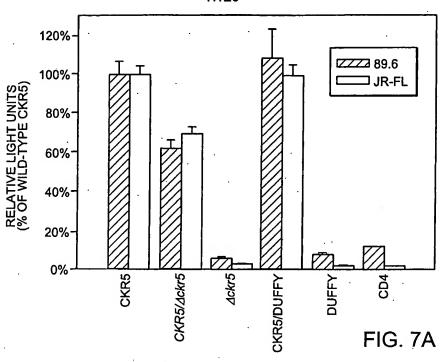
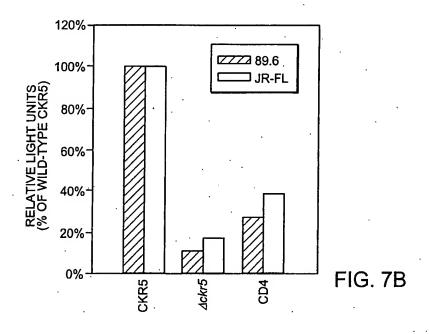


FIG. 5

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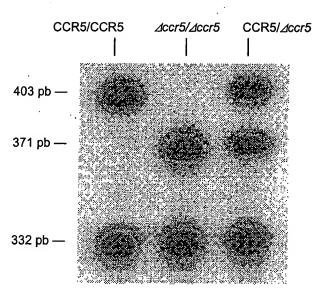
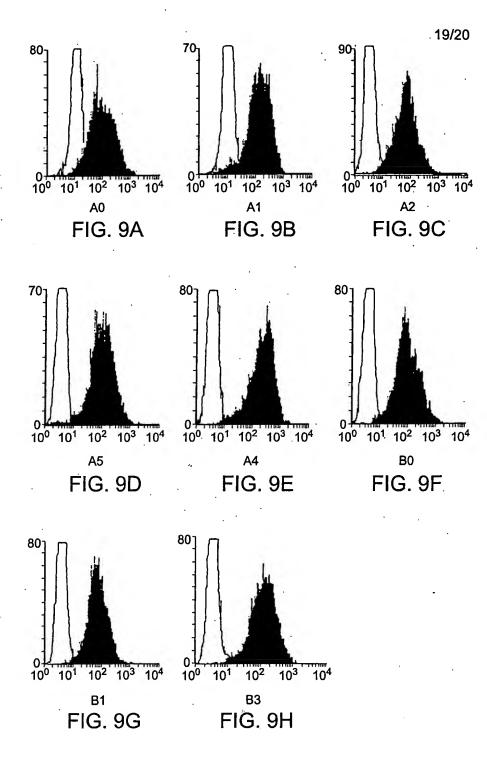


FIG. 8



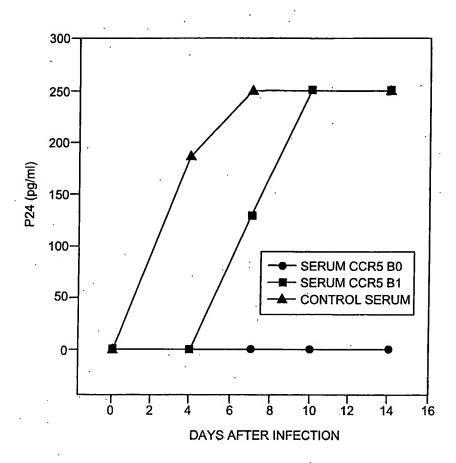


FIG. 10